BTEC APPLIED SCIENCE

"The important thing is to never stop questioning [or learning]."

Albert Einstein

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Exam Board:

Pearson

www.pearson.com

The Ferrers Sixth Form

Why study BTEC applied science?

This qualification is primarily designed to support progression to applied science, and related employment, after further study at university. However, it also supports students progressing directly to employment as the transferable knowledge, understanding and skills will give successful students an advantage when applying for a range of entry-level industry training programmes and/or higher apprenticeships, in areas such as laboratory technician, industrial technician or medical technician. Students can go on to study subjects such as biology, forensic science and biomedical sciences, or enter the workplace to pursue careers with the police or in the medical care sector.

What will you study?

Year 12

The course is made up of mandatory and optional units. Units studied include: Chemistry, Physics and Biology.

In addition , there is a significant practical element for which a lab book of reflection will be needed.

How will you study?

You will be taught by subject specialists in the three branches of science. You will complete the two mandatory units which are externally assessed in year 12 through a mixture of examination and coursework elements.

How will you be assessed?

Throughout the two years there will be termly assessments, assignments and one external examination.

What do you need to study the course?

Entry requirements: APS of 3.7+. Grade 4-4 in Science and grade 4+ in GCSE English and/or maths.

Skills and attributes: The qualification enables students to acquire substantial cross-sector knowledge and practical skills including laboratory tasks; investigations; collecting, analysing and presenting data; reviewing and refining practical methodology.

Which subjects combine well with Applied Science?

Core maths, geography, PE, history, English langauge and literature.